

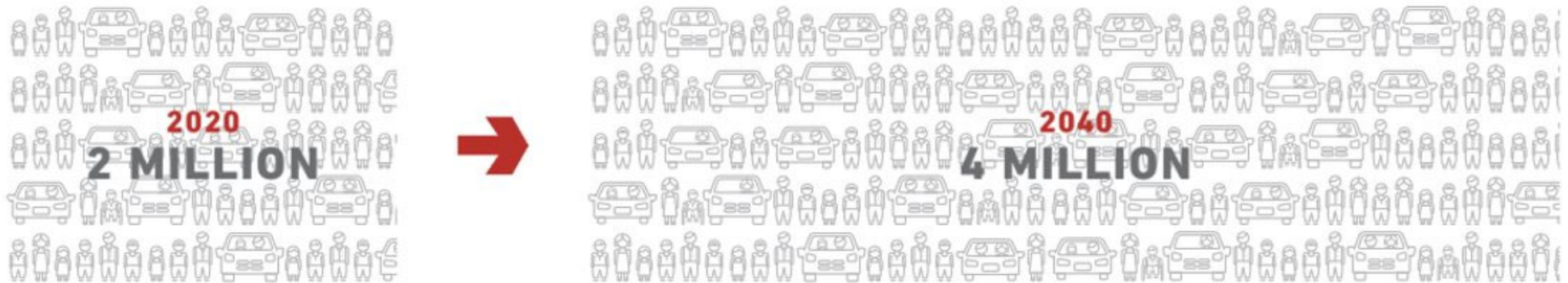
Project Connect: The Future of Transportation in Austin

PUBLIC TRANSPORTATION IN AUSTIN:

The “Why” and a Little Background

THE GEOMETRY OF TRANSIT

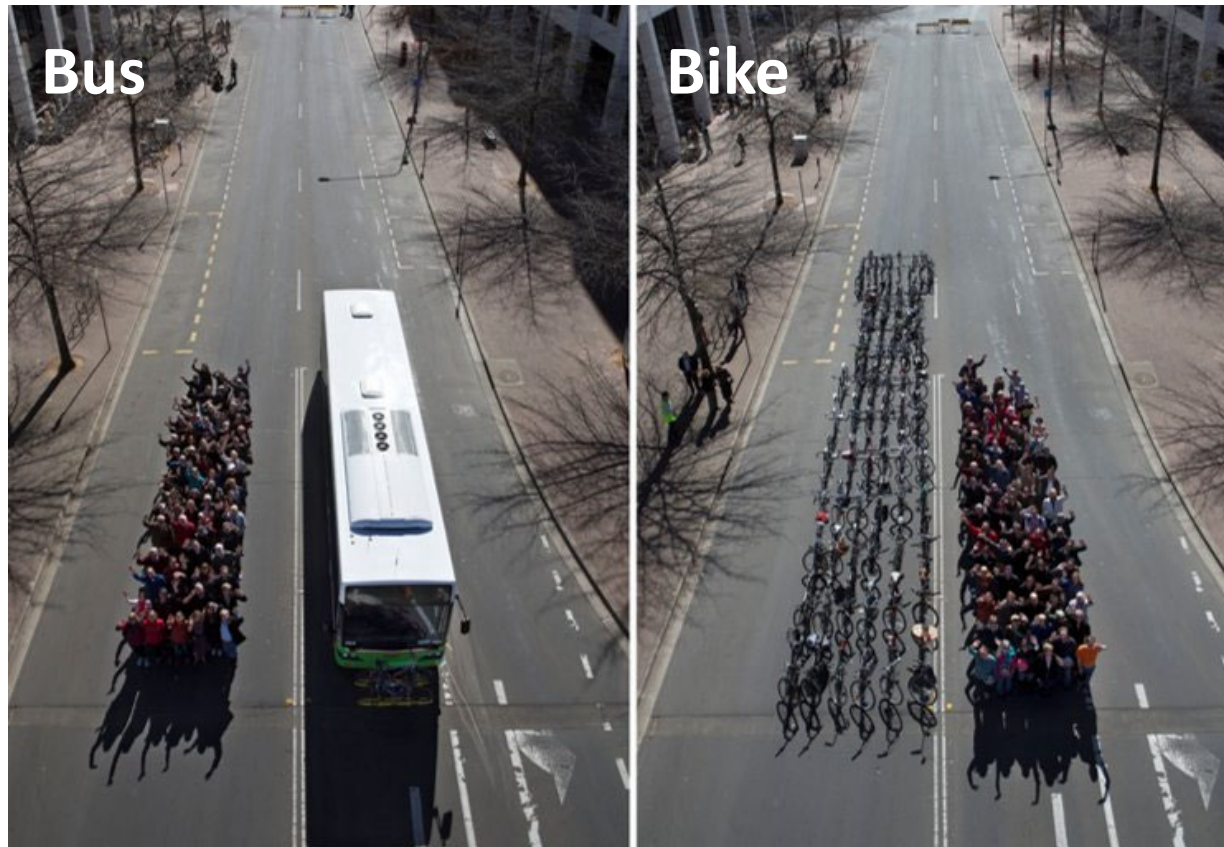
Historic Population Growth Austin MSA Population



THE GEOMETRY OF TRANSIT



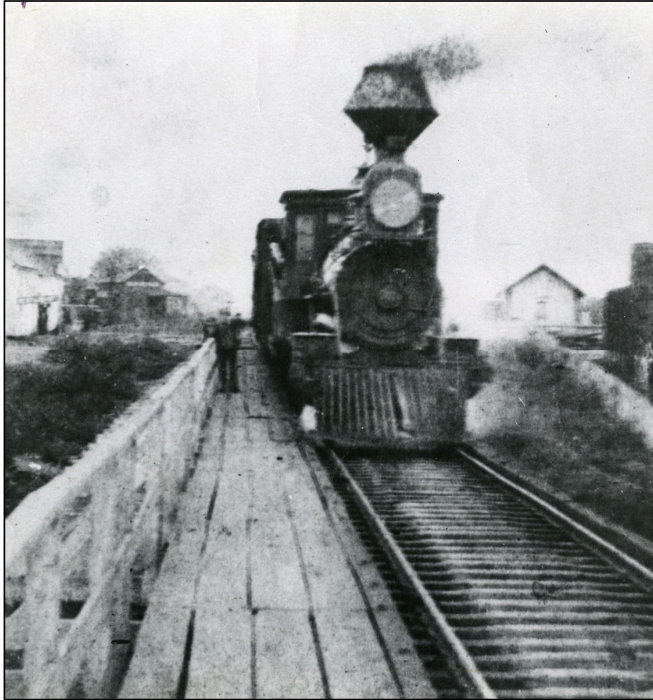
THE GEOMETRY OF TRANSIT



THE GEOMETRY OF TRANSIT



RAIL TRANSPORTATION IN AUSTIN



Houston & Texas Central
1871 – First Rail Connection



Austin & Northwestern
1881 – Austin to Llano



Missouri Pacific Railroad
1970 – Final *Texas Eagle*

RAIL TRANSIT IN AUSTIN



Austin Rapid Transit Railway
1889 (1913 Photo)



Austin Transit Company
1940 – Final Streetcar



Capital MetroRail (Red Line)
2010 – Start of Service

AUSTIN TRANSIT PARTNERSHIP:

Implementing the Project Connect Vision

Initial Investment – Adopted July 27, 2020



Initial Investment – Adopted July 27, 2020

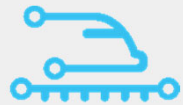


Initial Investment – Adopted July 27, 2020



7/30/2020

Comprehensive Transit Plan



New Rail System

LIGHT RAIL

ORANGE LINE



BLUE LINE



REGIONAL RAIL

RED LINE



GREEN LINE



Downtown Transit Tunnel



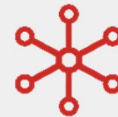
All-Electric Bus Fleet



15 new neighborhood circulator zones with on-demand pick-up



MetroBike integration



Expanded Bus Service

4 new MetroRapid routes; high-frequency bus service with priority treatments.



42 miles, 65 stations

10 new stations, with planned conversion to Light Rail

GOLD LINE



3 new MetroExpress commuter routes



9 New Park & Rides + 1 New Transit Center



Light Rail Transit
Conceptual Illustration





LIGHT RAIL AND BUS RAPID TRANSIT
VEHICLE EXTERIOR CONCEPT

New Rail System

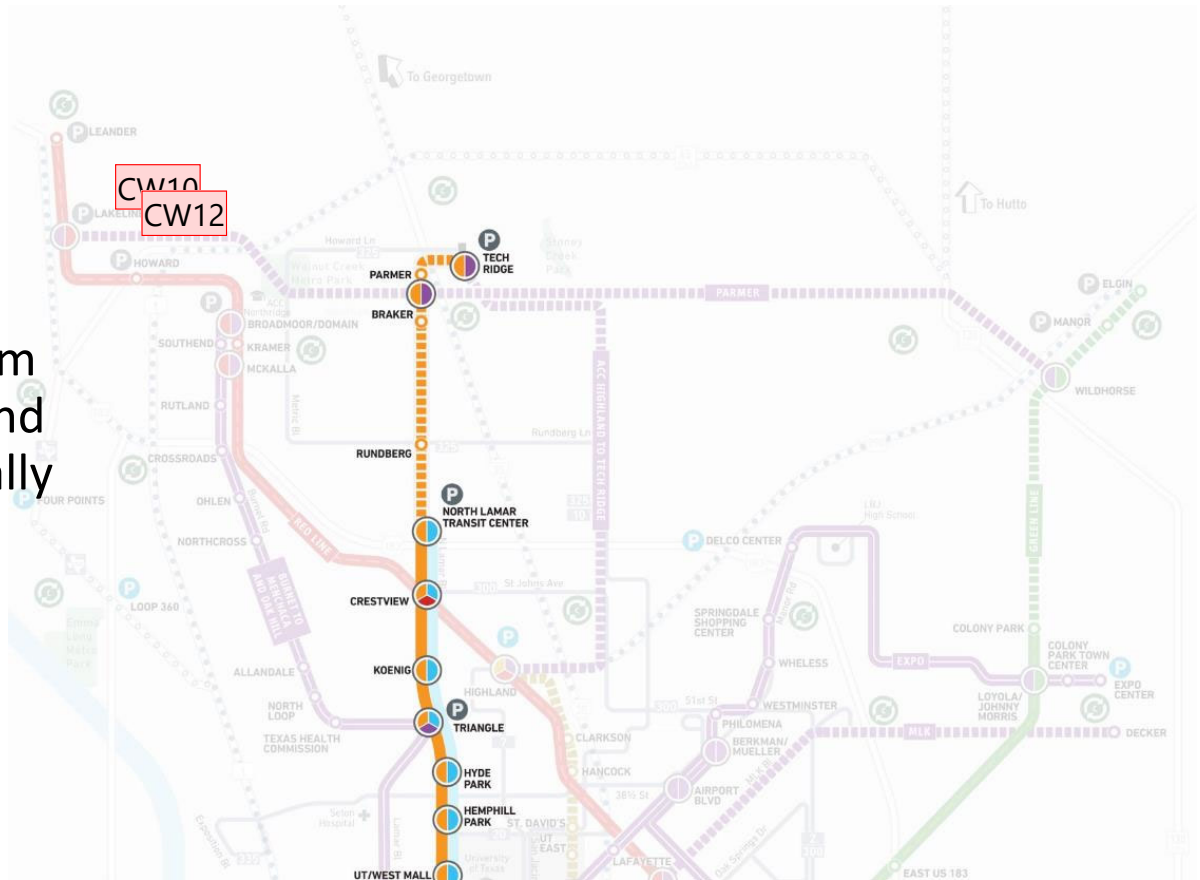
ORANGE LINE

CW11



Light rail to connect north and south Austin.

From Tech Ridge (initially from North Lamar and U.S. 183) and extending to Slaughter (initially to Stassney Lane).



Slide 16

CW10 delete planned

Couch, David W., 12/14/2020

CW11 Need to reflect total length of Orange line with the initial operating segment identified.

Couch, David W., 12/14/2020

CW12 Same initial system

Couch, David W., 12/14/2020

New Rail System

ORANGE LINE

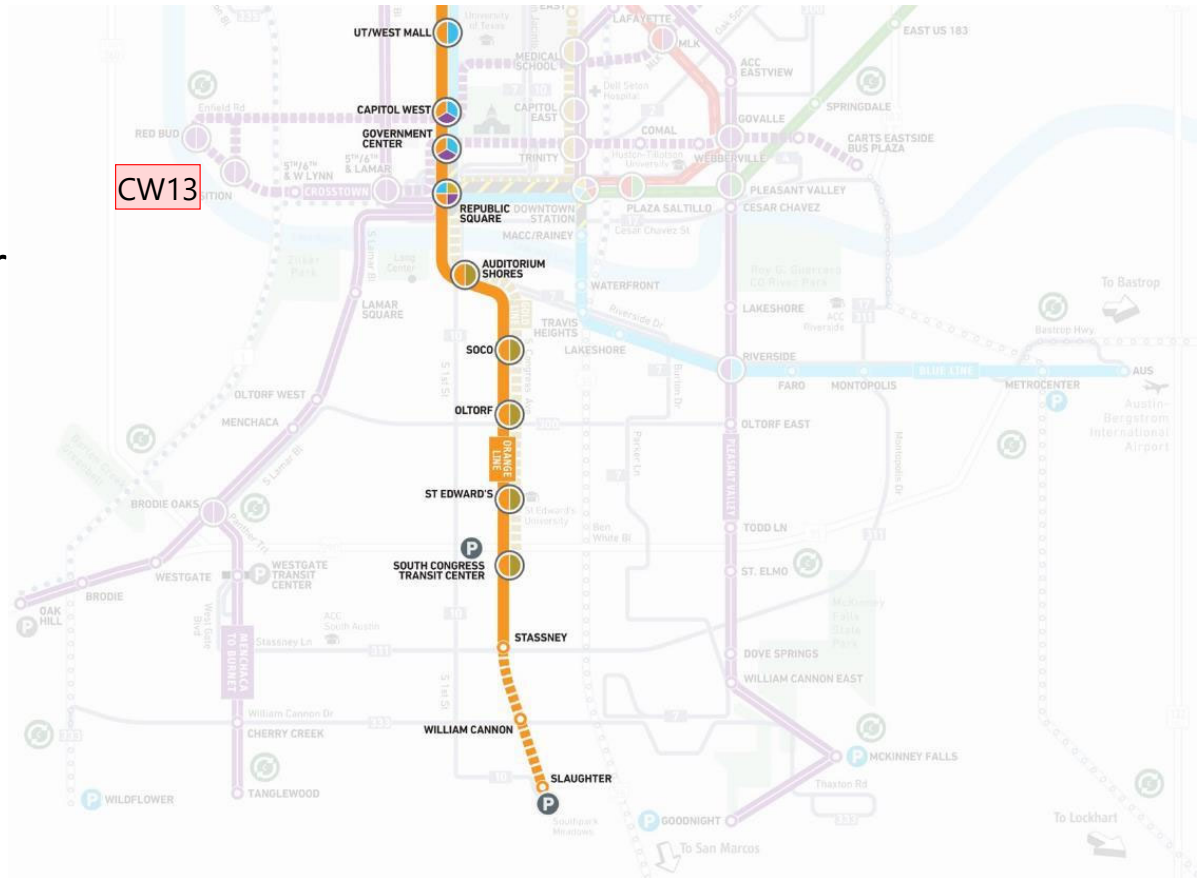
CW14



Destinations include:

- North Lamar Transit Center
- Crestview
- UT
- Republic Square
- Auditorium Shores
- The SoCo District

CW13



Slide 17

CW13 delete planned
Couch, David W., 12/14/2020

CW14 Same comments as slide 7
Couch, David W., 12/14/2020

New Rail System

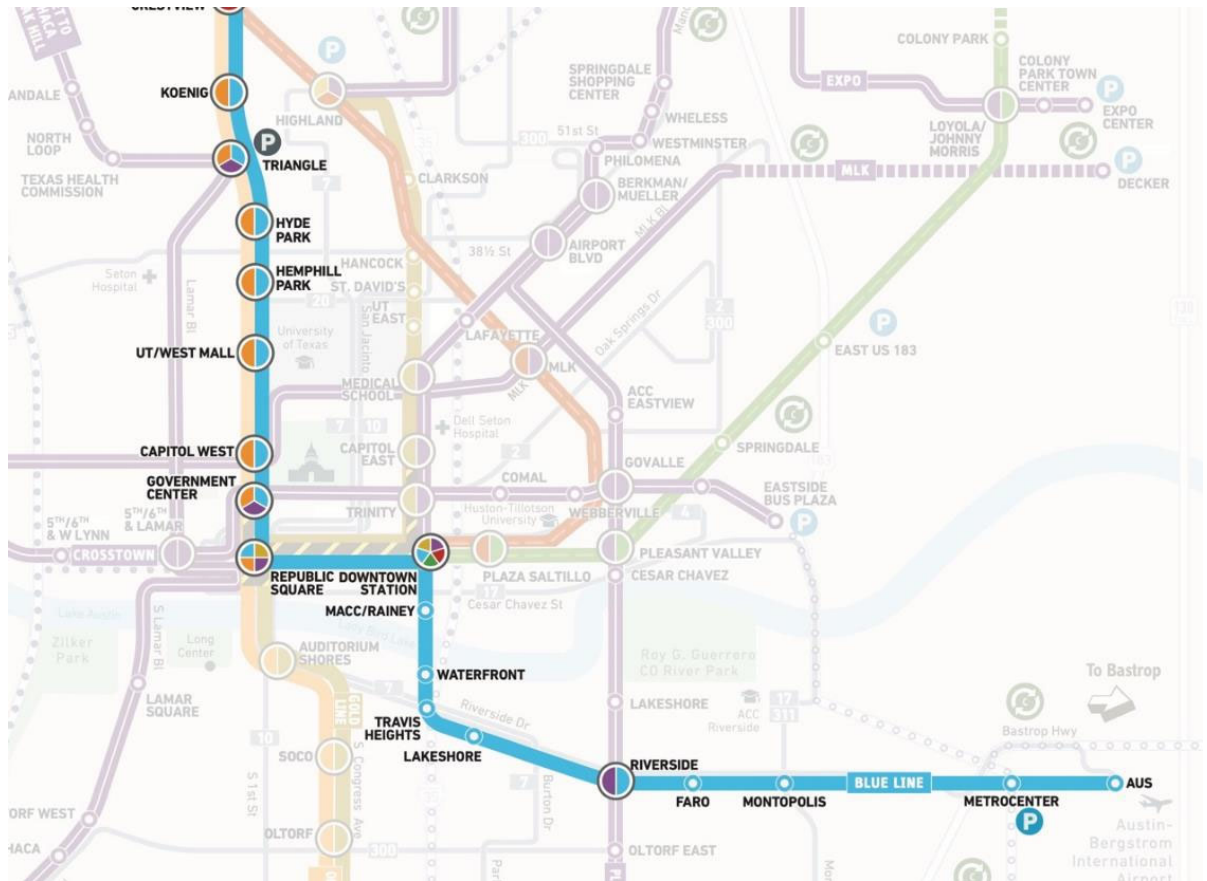
CW15

BLUE LINE



Light rail service
to the airport.

Operating from North Lamar
and U.S. 183 to downtown
and directly
to the airport.



Slide 18

CW15 Same comments as 7
Couch, David W., 12/14/2020

New Rail System

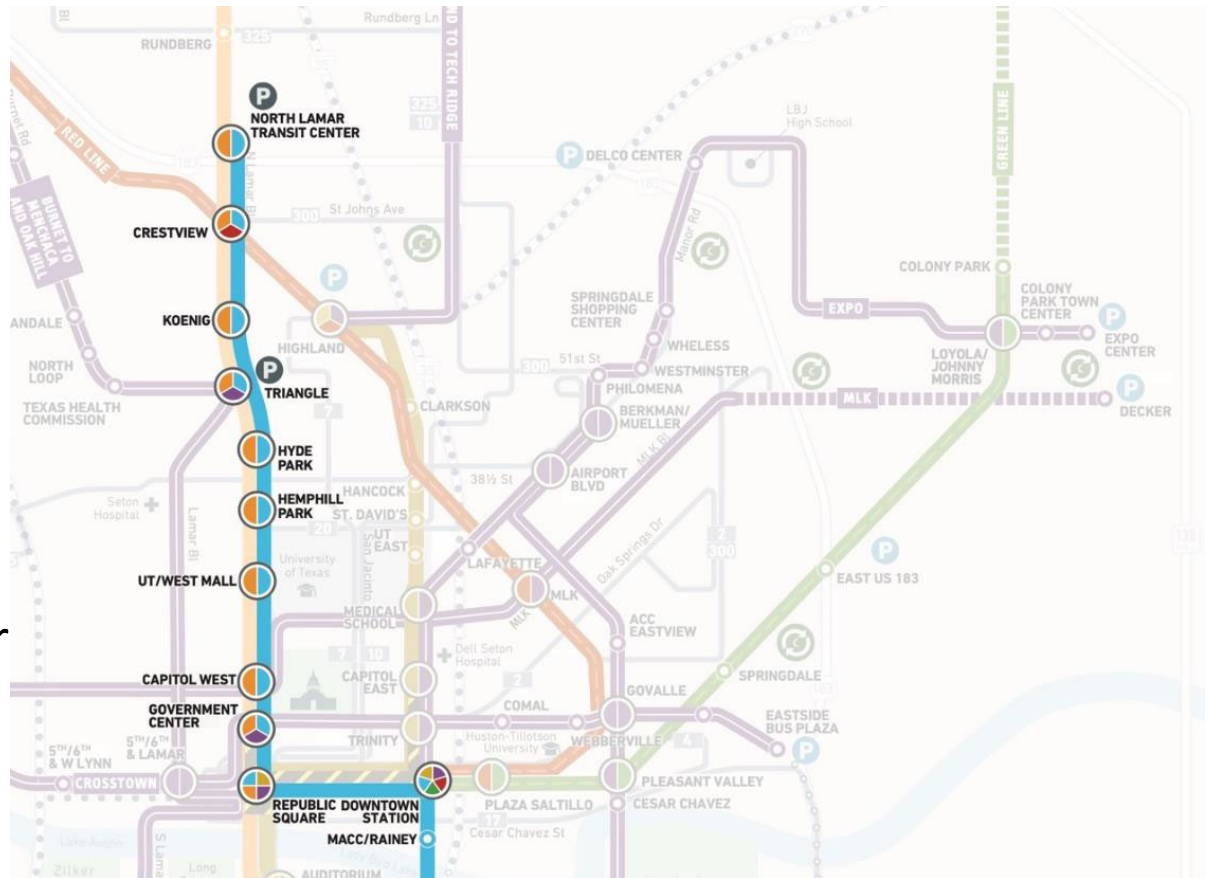
CW16

BLUE LINE



Destinations include:

- Austin-Bergstrom International Airport
- Lakeshore Drive
- Convention Center
- Rainey Street
- UT
- Crestview
- North Lamar Transit Center



Slide 19

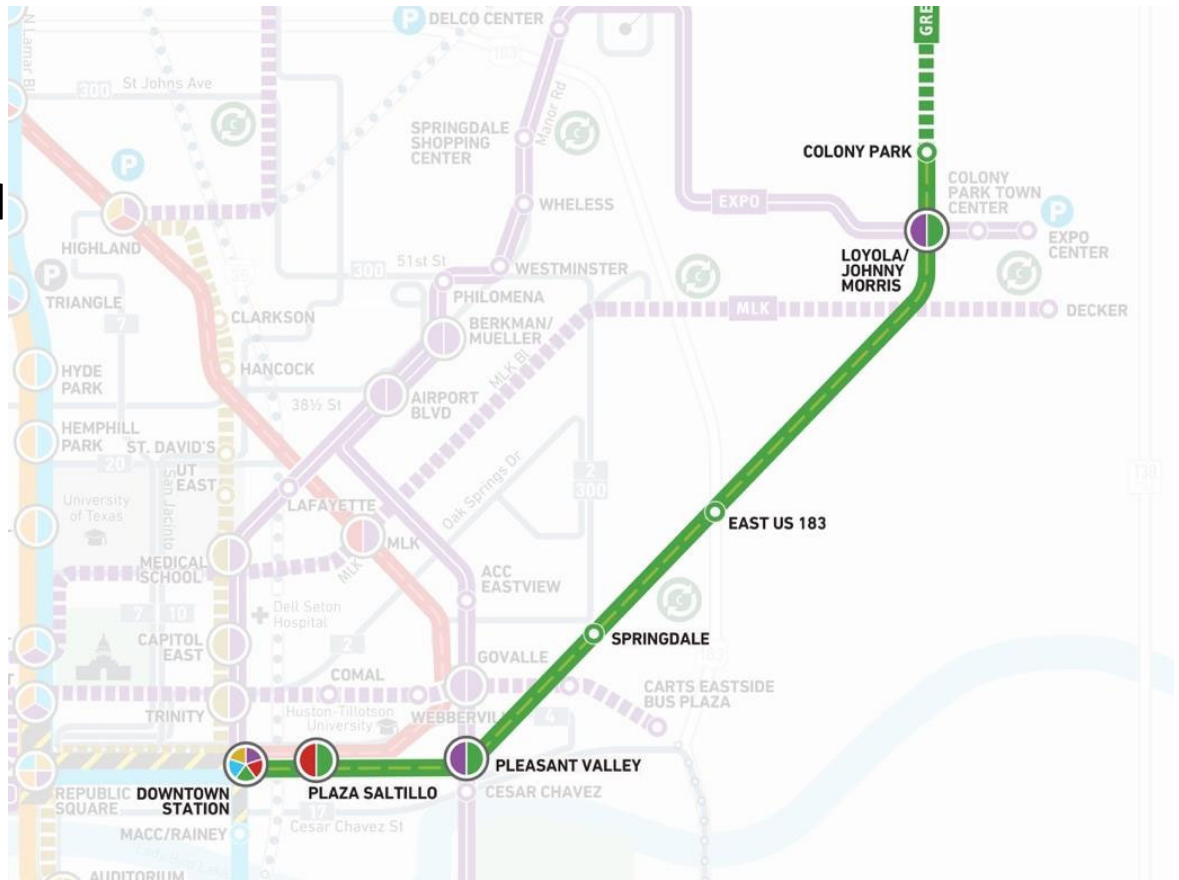
CW16 Same comment as slide 7
Couch, David W., 12/14/2020

New Rail System

GREEN LINE



New regional rail service will connect downtown to East Austin's Colony Park, Manor and Elgin.



New Rail System

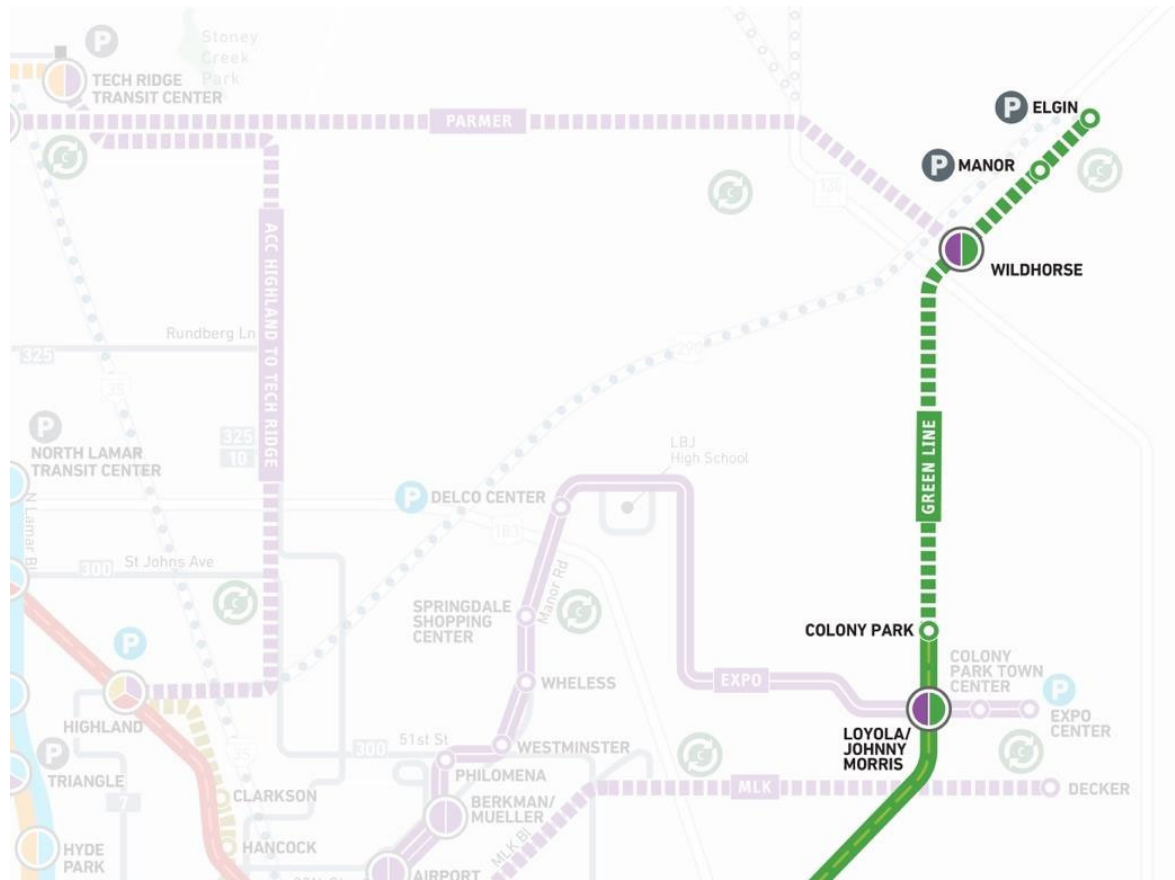
GREEN LINE

CW17



Destinations include:

- East Austin
- Springdale
- U.S. 183 Park & Ride
- Colony Park



Slide 21

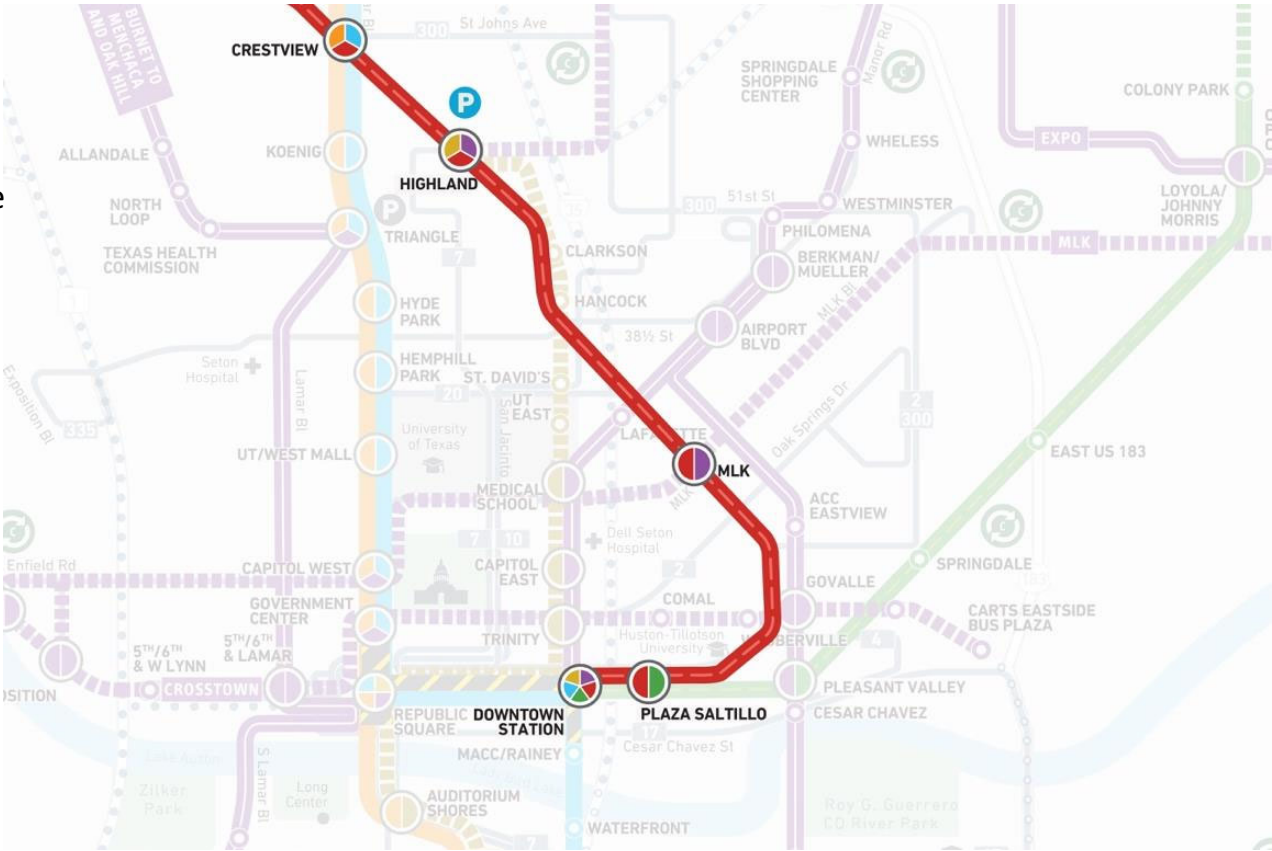
CW17 Should this address initial system and future extension
Couch, David W., 12/14/2020

Rail System Expansion

RED LINE



Expanded regional rail stations serving The Domain and Austin’s FC Stadium.



Rail System Expansion

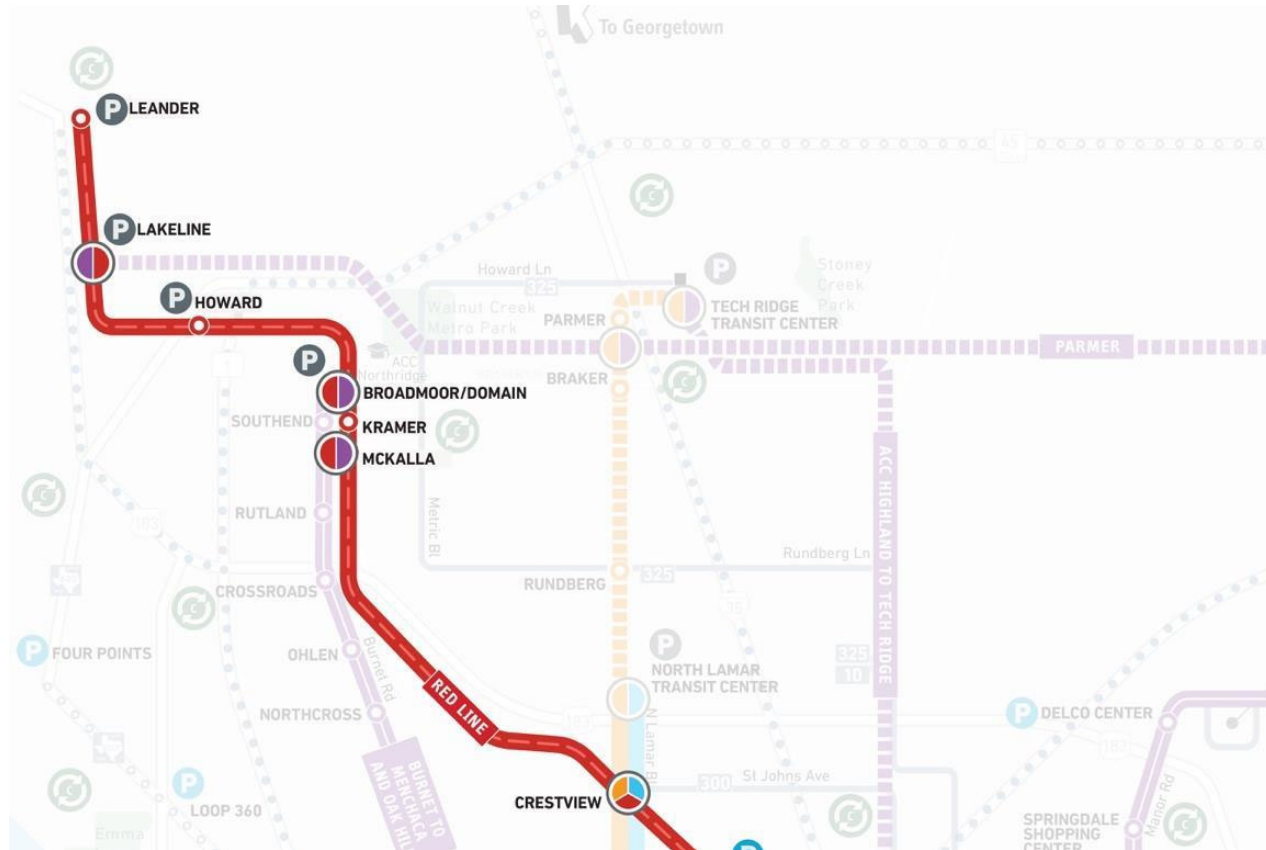
RED LINE



CW18

Destinations include:

- Leander
- The Domain
- McKalla Place
- Crestview
- ACC Highland
- MLK
- Saltillo
- Downtown

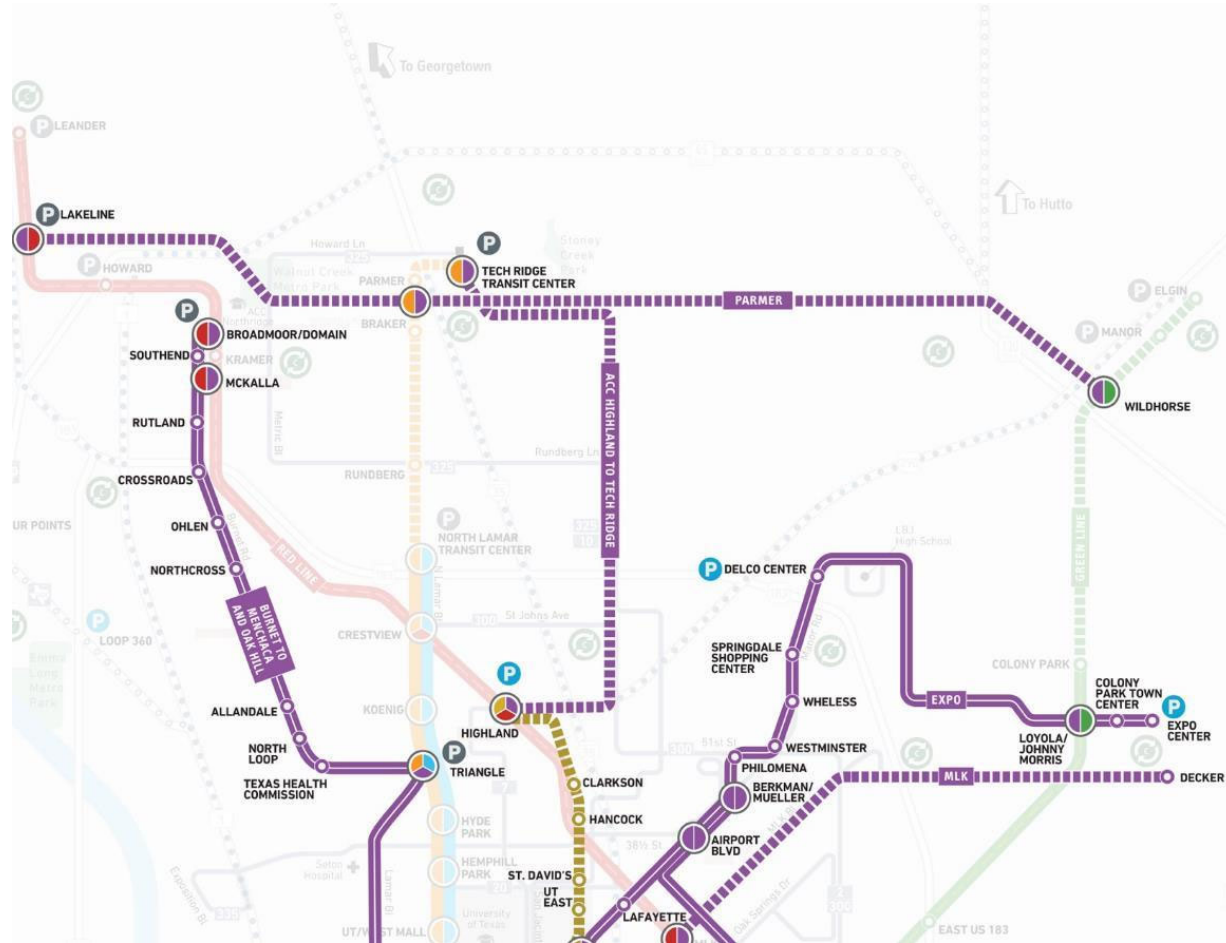


Slide 23

CW18 double track Lakeland to Leander
Couch, David W., 12/14/2020

MetroRapid Overview

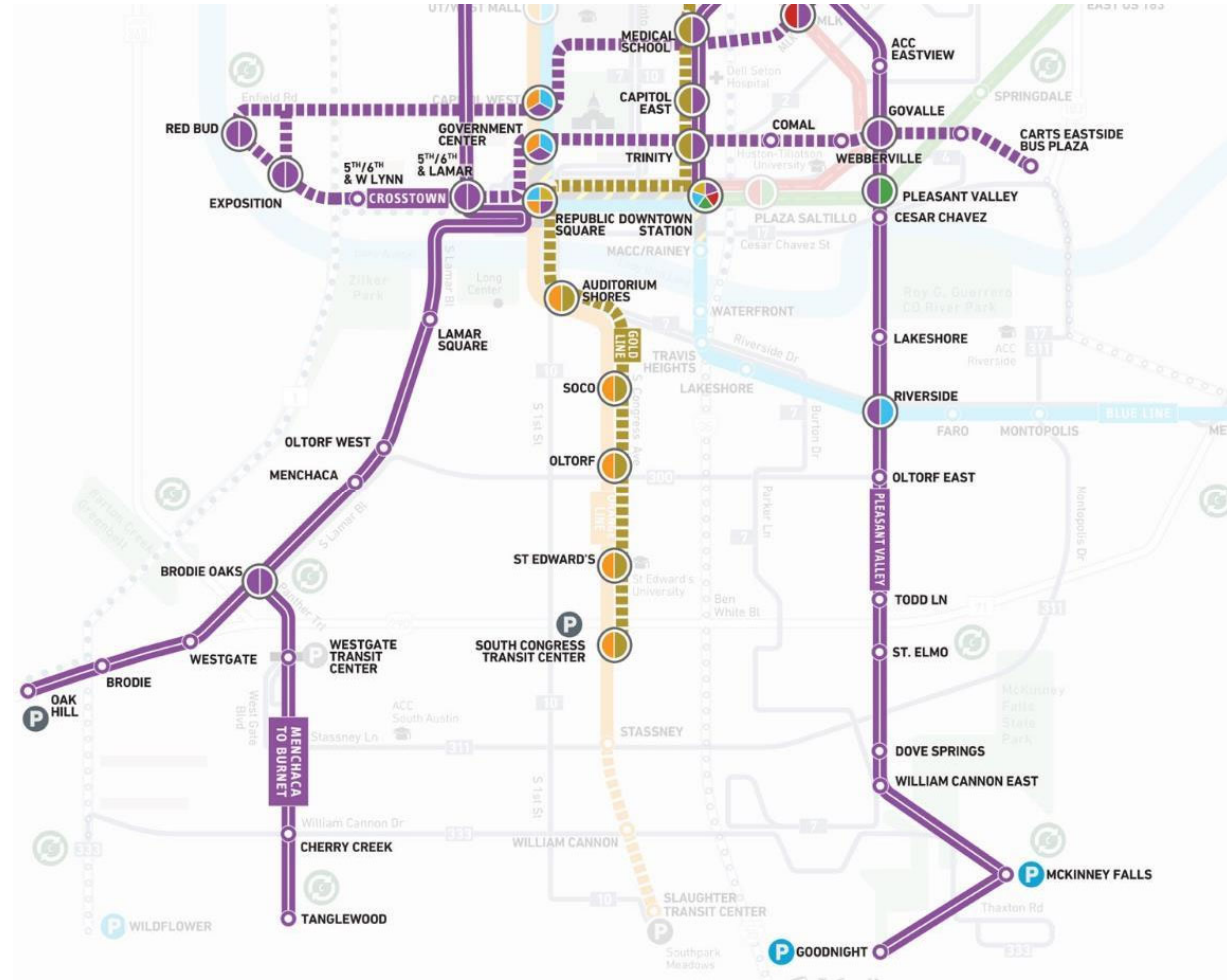
4 new MetroRapid routes would provide frequent service with a limited number of stops.



MetroRapid Overview

New corridors would include:

- **Gold Line** from ACC Highland to South Congress and Ben White
- **Expo Center** | from east Austin to UT and downtown
- **Pleasant Valley** | from Mueller to the Goodnight Ranch Park & Ride
- **Burnet** | from The Domain to Menchaca & Oak Hill





METRO



projectconnect

SYSTEM PLAN INITIAL INVESTMENT

Adopted June 10, 2020

LEGEND

LIGHT RAIL

- Orange Line
- Potential Future Extension
- Blue Line

METRO RAIL

- Red Line
- Green Line
- Potential Future Extension

METRO RAPID

- Gold Line
- Enhanced MetroRapid Route
- Potential Future Extension

METROBUS

- Current Frequent Local Routes

METRO EXPRESS

- Current MetroExpress
- Future MetroExpress

ADDITIONAL AVAILABLE SERVICES

- MetroAccess
- MetroBike
- CURRENT PARK & RIDE
- PROPOSED PARK & RIDE
- CIRCULATOR
- TUNNEL

SCHEMATIC MAP
NOT TO SCALE







PROGRAM COMPONENTS

PROJECT CONNECT – PROGRAM COMPONENTS

Orange Line – NLTC to Stassney Phase 1 (LRT), Enhanced MetroRapid

Blue Line – Riverside Corridor (LRT)

Gold Line – MetroRapid, NEPA completion for LRT

Downtown Tunnel (Orange, Blue Lines)

MetroRapid – Expo, Pleasant Valley, Burnet to Menchaca/Oak Hill

Green Line to Colony Park – NEPA, Final Design, Construction

Red Line Improvements

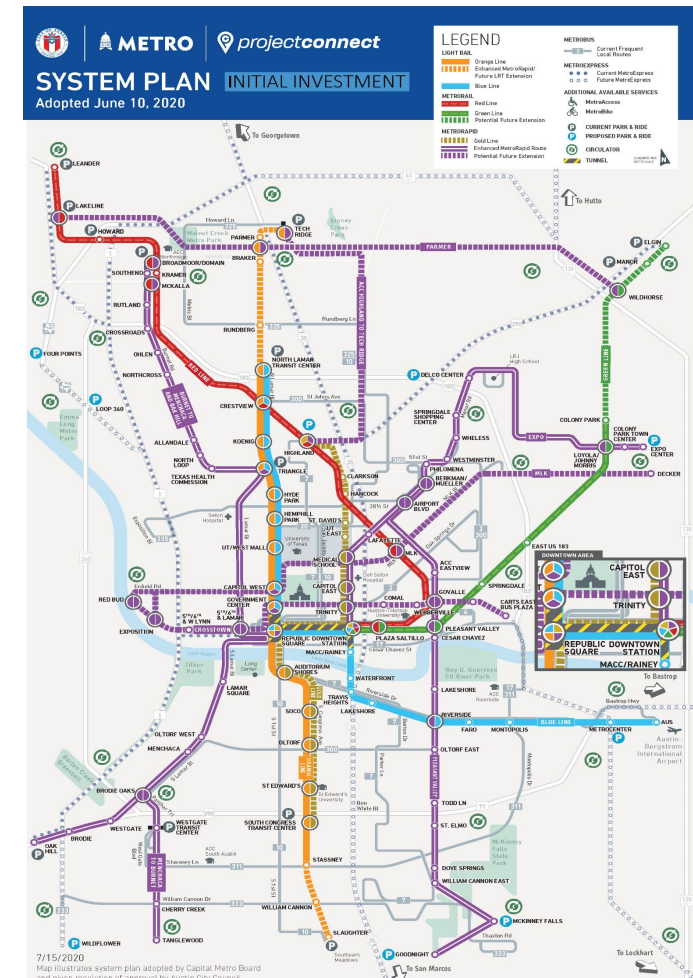
MetroExpress, Park & Rides, Transit Centers (3 New Routes, 9 P&R, 1 TC)

Neighborhood Circulators (15 New Zones / Vehicles)

Maintenance Facility Improvements

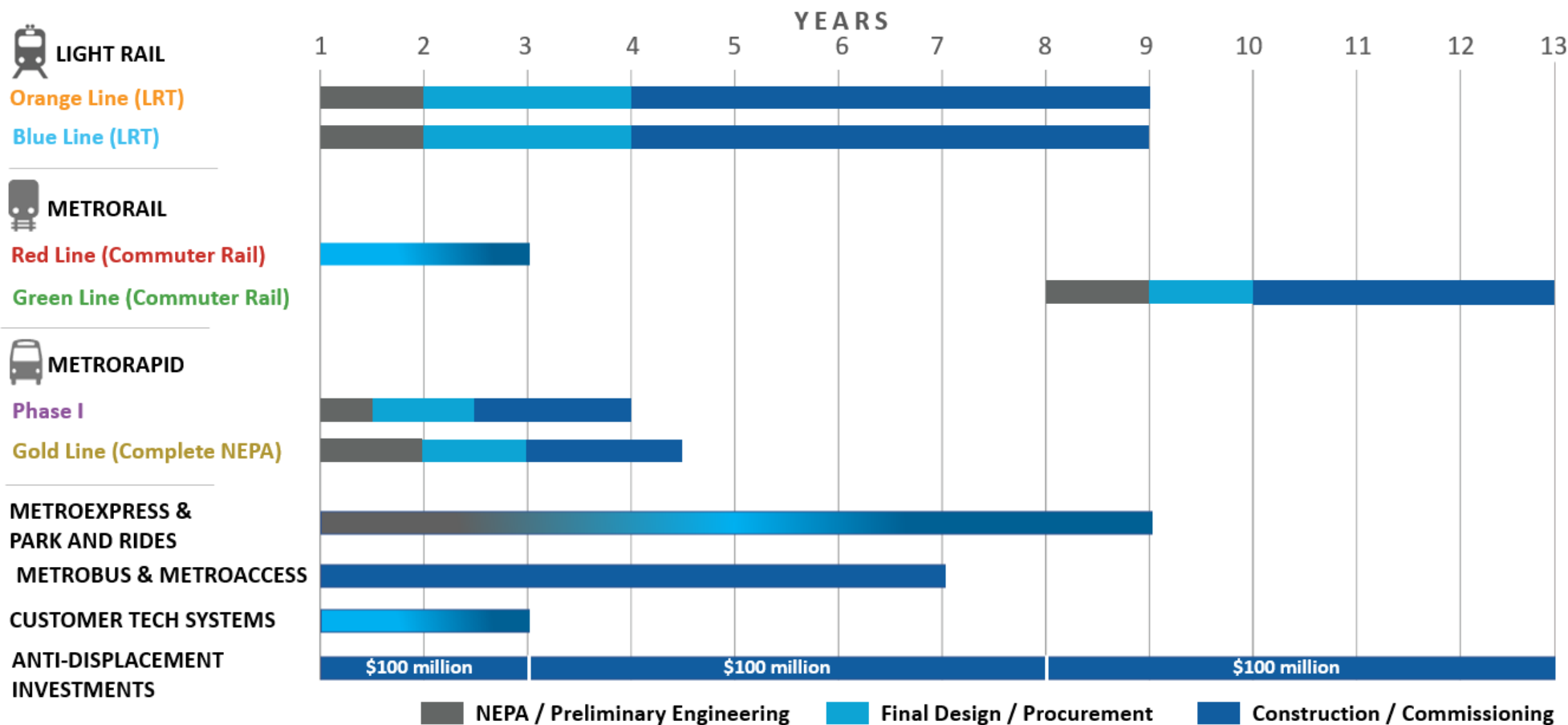
Customer Technology Systems

Anti-Displacement Investments



PROGRAM SEQUENCE PLAN

Years based on federal NEPA and funding approvals



PROPOSITION A PASSES – NOVEMBER 2020



VOTE TEXAS

Austin voters approve Proposition A to help fund \$7.1B Project Connect plan

By voting in favor of Prop A, voters have approved a property tax rate increase that will help fund Project Connect, CapMetro's \$7.1 billion public transit plan.



Project Connect vote: Austin residents pass \$7.1 billion transit plan

✓ ELECTIONS

Wednesday, November 4, 2020 by Ryan Thornton

Voters pass Project Connect transit plan

With the passage of Proposition A, voters have given the Capital Metropolitan Transportation Authority the green light to build out the core elements of the city's first mass transit system over the coming decade as part of a \$7.1 billion initial investment in the \$10 billion Project Connect system.



What's Project Connect's First Stop After Austin Voters Handily Pass Prop A?

KUT 90.5 | By Samuel King
Published November 4, 2020 at 6:11 PM CST



AUSTIN TRANSIT PARTNERSHIP – JOINT VENTURE LGC



INTEGRATED PROGRAM DELIVERY PARTNERSHIP



Orange Line
Blue Line
Tunnel
Green Line - Phase 1
Facilities



MetroRapid
MetroExpress
Neighborhood
Circulators (Pickup)
Customer Tech
Red Line - Phase 1



Transit Supportive
Anti-Displacement
Investments
Utilities Relocations
Permitting
Right of Way, etc.

PROGRAM TOTAL - \$7.1 BILLION

AUSTIN TRANSIT PARTNERSHIP – INDEPENDENT BOARD



**Chair Veronica
Castro de Barrera**

Community
Representative –
Engineering &
Construction



**Vice Chair
Dr. Colette Pierce
Burnette**

Community
Representative –
Planning &
Sustainability



Eric Stratton

Capital Metro Board
Representative



Mayor Steve Adler

Austin City Council
Representative



Tony Elkins

Community
Representative –
Finance

PEER CITY INVESTMENTS



LOS ANGELES

Measure M - \$120 Billion (40 years)



SEATTLE

Sound Transit 3 - \$54 Billion



DENVER

FasTracks - \$8 Billion



MINNEAPOLIS

System Expansion - \$3.1 Billion



INDIANAPOLIS

Red Line BRT Project - \$100 Million



TRANSIT & PLACEMAKING

Integrated Art Elements – Houston METRO



Placemaking – Denver Union Station



TRANSIT & PLACEMAKING



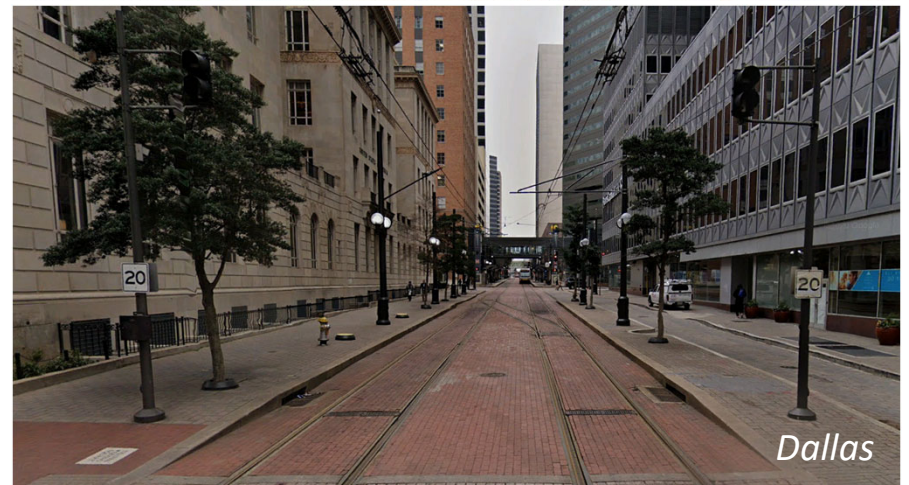
Minneapolis



Auckland, NZ



Denver



Dallas

TRANSIT & PLACEMAKING

LEED Certified Facilities – Julia Carson Transit Center (IndyGo)



Art in Station Design – Hollywood / Highland (LA Metro)



TRANSIT & TECHNOLOGY

Surface Current Collection - France



Volvo Autonomous Bus - Singapore



Hydrogen Fuel Cells - Germany

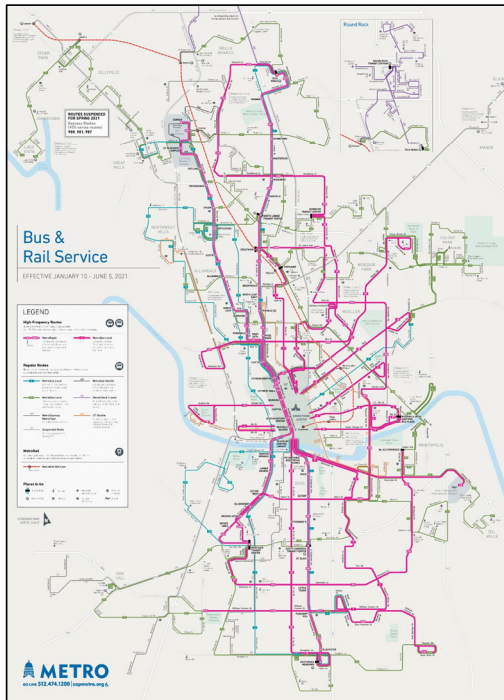




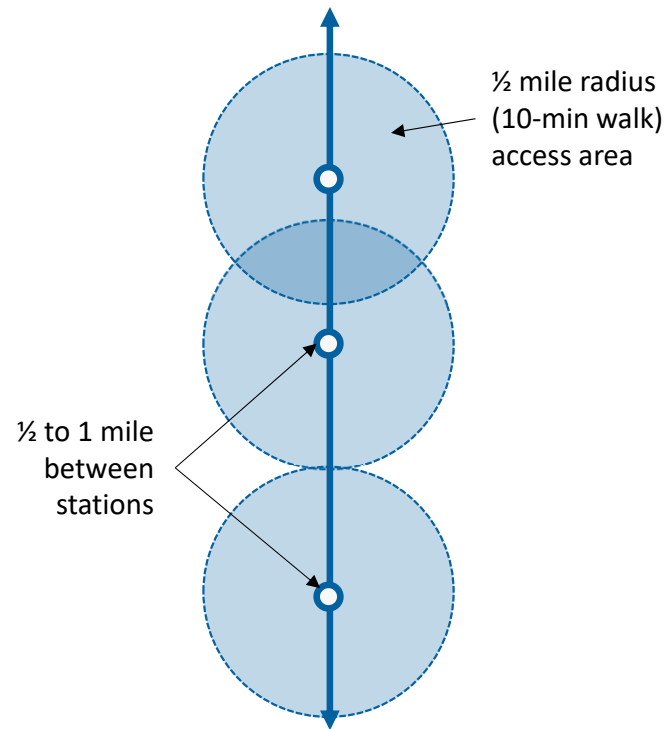
Station Location Principles

* Reviewed at April virtual community meetings

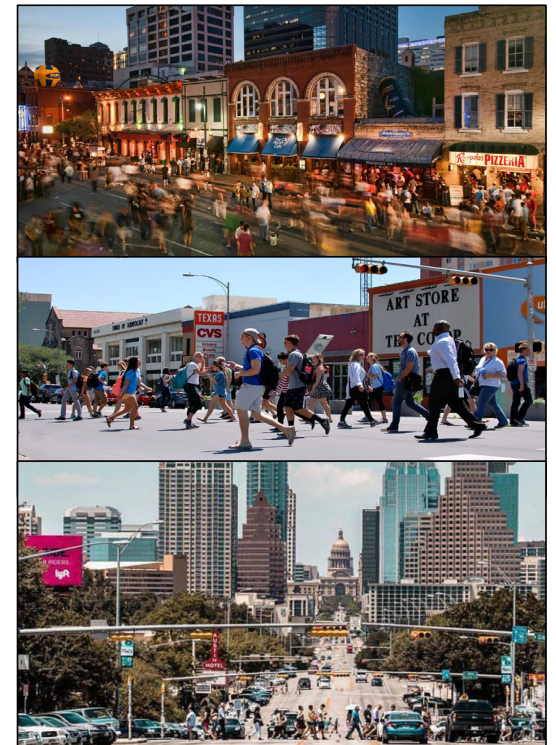
Maximize connectivity to transit network



Balance speed and access with station spacing



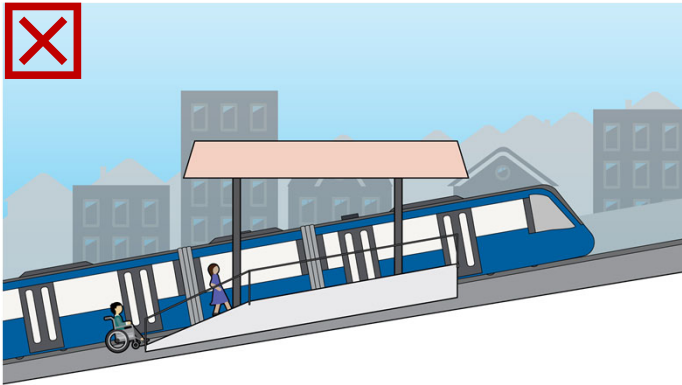
Serve high-activity corridor destinations



Station Geometry

* Reviewed at April virtual community meetings

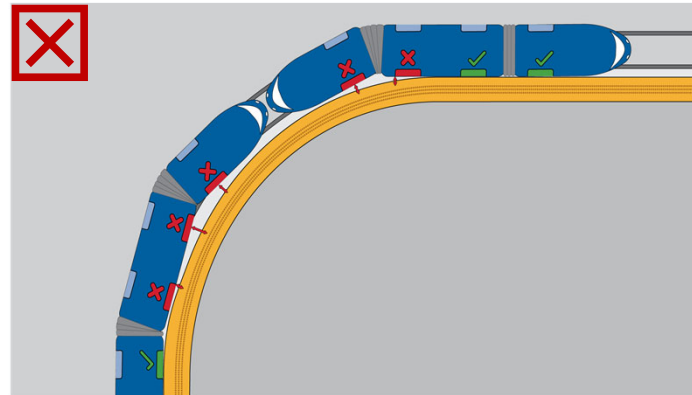
Station on an incline



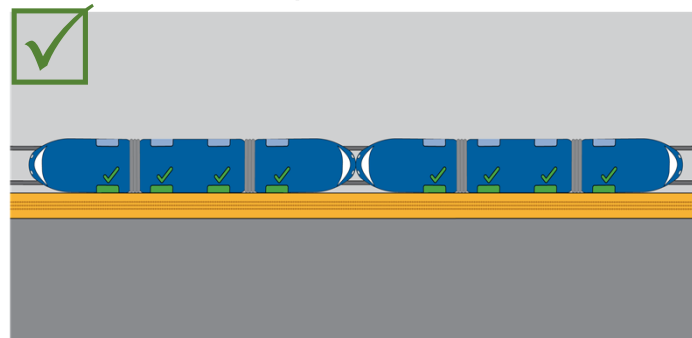
Station on flat land



Station on a curve



Station on a straight line







Welcome

Working Group

Offers members an opportunity to understand more about Project Connect and provide valuable insight to the project team on what's important to you and our community

Roles/Responsibilities

- Serve as a focus group for NEPA and construction outreach and planning
- Serve as community sounding board for project milestones
- Provide insight on community interest areas/potential concerns
- Share information within community/networks



Orange & Blue Line Working Groups

Orange Line:

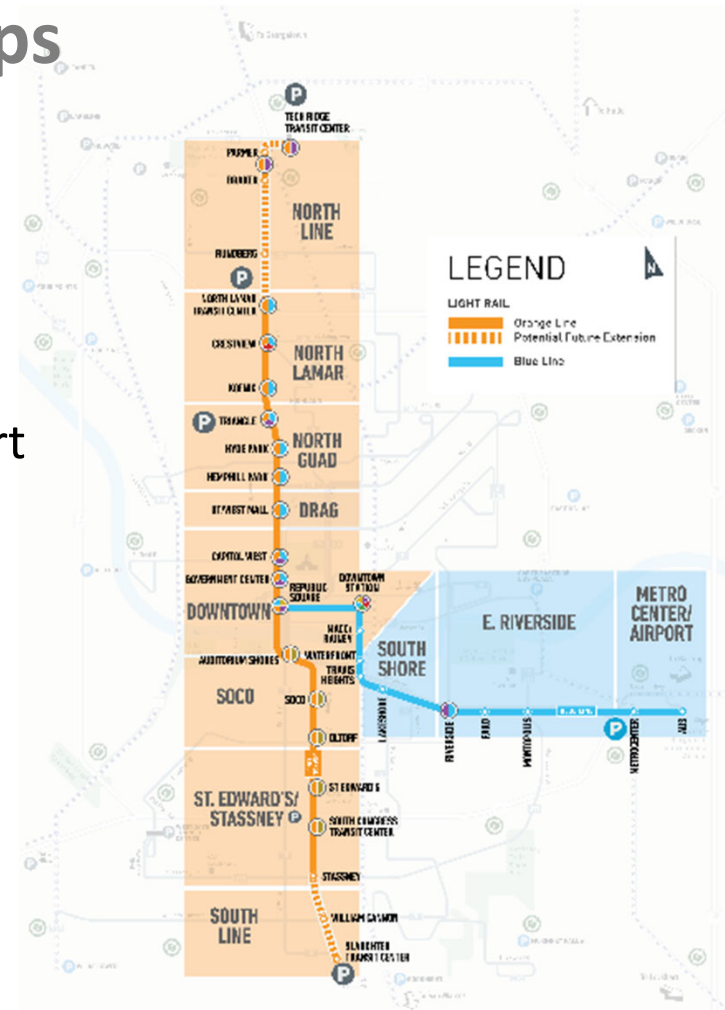
- North Line
- North Lamar
- North Guadalupe
- Drag
- SoCo
- St. Edward's to Stassney
- South Line

Blue Line:

- South Shore
- East Riverside
- Metro Center/Airport

Downtown:

- Inclusive of Orange and Blue Lines



Share Your Feedback

Get involved!

projectconnect.com/get-involved

Know someone that would be interested in joining the Working Groups?:

projectconnect.com/groups



Project Connect: The Future of Transportation in Austin

Questions?